

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-11. (Canceled)

12. (Previously Presented) An isolated nucleic acid molecule consisting of the nucleic acid sequence of SEQ ID NO: 1, 2, or 3.

13-26. (Canceled)

27. (Previously Presented) An isolated nucleic acid molecule comprising the nucleic acid sequence of SEQ ID NO:1.

28. (Previously Presented) The isolated nucleic acid molecule of claim 27, further comprising the nucleic acid sequence of SEQ ID NO 2 or NO: 3 operably linked to the 5' end of said nucleic acid molecule.

29. (Canceled)

30. (Previously Presented) An isolated nucleic acid encoding the polypeptide of SEQ. ID. NO: 5.

31. (Canceled)

32. (Currently amended) An isolated nucleic acid molecule which hybridizes under stringent conditions to the nucleic acid sequence selected from the group consisting of SEQ ID NO: 2, SEQ ID NO: 3, and nucleotides 1-600 of SEQ ID NO: 1 [of SEQ ID NO: 1, 2, or 3], wherein said stringent conditions comprise a buffer comprising 6.0x sodium chloride/sodium citrate (SCC), followed by one or more washes of 2.0x SCC at 50°C.

33. (Currently amended) An isolated nucleic acid molecule selected from the group consisting of:

- a) a nucleic acid molecule comprising at least 300 ~~200~~ consecutive nucleotides of nucleotides 1-600 of SEQ ID NO:1; and
- b) a nucleic acid molecule which hybridizes under stringent condition to nucleotides 1-600 of SEQ ID NO: 1 ~~the nucleic acid molecule defined in (a)~~, wherein said stringent conditions comprise a buffer comprising 6.0x sodium chloride/sodium citrate (SCC), followed by one or more washes of 2.0x SCC at 50°C

wherein said nucleic acid molecule does not consist of nucleic acid sequence of SEQ ID NO: 55-64.

34. (Previously Presented) A vector comprising the nucleic acid molecule of claim 12, 26-31 or 32.

35. (Previously Presented) A host cell comprising the vector of claim 34.

36. (Previously Presented) A composition comprising the nucleic acid molecule of claim 12, 26-31 or 32 and a carrier.

37. (Previously Presented) A composition comprising the vector of claim 34 and a carrier.